Tokina

LENS CATALOG

www.tokinalens.com

Digital Eyes

Floating Element Assembly

Aluminum Alloy Die-Cast Model

VISIONARY TECHNOLOGY MAKES A DIFFERENCE YOU CAN SEE.

Tokina's proprietary AT-X technology has been evolving toward optical perfection for more than 30 years.

Since our mission began in 1981 we have made continuous advances. Each new model is a further refinement in a continuing legacy of excellence in design and materials. The current AT-X PRO series continues this evolution of excellence by using the most state-of-the-art technology anywhere.

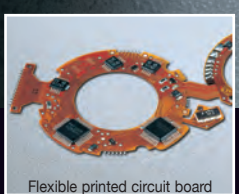
More Quality Than Meets The Eye.

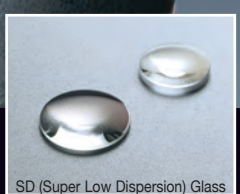
The Tokina difference comes from special material selection and assembly technology that employs micron-unit quality control. This ensures optimum consistency while maintaining the highest quality for every lens. Worldwide, both professionals and knowledgeable photography enthusiasts rely on Tokina lenses.

AT-X Technology

AT-X comes from our original concept of "Advanced Technology Extra." This vision encompasses a special group of lenses that are manufactured without compromise, using the most advanced design and fabrication technologies available. The use of unique and unprecedented optical systems independently pioneered by Tokina, has made advanced features, high performance, lightweight, and compact designs a reality. Of course, we have also given full attention to ergonomics and handling. To any user, AT-X means excellent performance through superior technology.

Tokina
DIGITAL SERIES


Flexible printed circuit board


SD (Super Low Dispersion) Glass

Mechanisms

1. All metallic moving parts are coated with a special lubricant to improve durability.
2. Tokina's independently developed technology maintains the high precision of mechanical fittings, accurately measured in microns.
3. Micron tolerances also give smooth operation and durability to operating rollers and internal focus cams.
4. Brass is used in the lens mount to maintain high precision. Other mechanisms are plated with hard chrome for optimum durability.

Exterior Finish

1. PRO models have a hardened Alumite (Armalite) finish to increase durability and give a top-quality feel and finish.
2. Ergonomic designs emphasize control, grip and ease of operation with textured rubber used on zoom and focus barrels. These are original Tokina materials, designed to give many years of faithful service without deterioration.

Operation

1. Use of our special alloy Duralumin for metal parts provides excellent durability, stabilizes torque and provides better handling. It also maintains smoother operation under all conditions.
2. Our special lubricant is used on moving parts, formulated to perform even under extremes of temperature.

Lens Coatings

Resistance to flare and ghosting, plus faithful color reproduction are all achieved by a unique coating technique – yet another reason for Tokina's reputation for incredibly sharp and clean images.

Photograph by: *Brett Kennedy*
Lens: AT-X 116 PRO DX II

AT-X PRO Series

Ultra-Wide, Ultra-Speed

for APS-C Format Digital SLR

AF11-16mm f/2.8 *AT-X 116 PRO DX II*

TO FIT CANON • NIKON-D APS-C Sized Sensor Model Only

The New Tokina AT-X 116 PRO DX II is an update to the widely popular and award winning AT-X 116 PRO DX, 11-16 F/2.8 lens.

The main update to this lens is in the Nikon mount, the AT-X 116 PRO DX II has an internal silent focusing motor to allow the lens to AF on Nikon bodies that do not have an AF drive gear and motor.

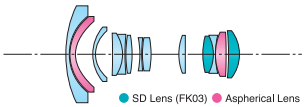
There have also been some adjustments made to the coating for slightly improved optical performance.

This compact ultra wide-angle zoom has a bright constant F/2.8 aperture making viewing and auto focus possible in lower light situations but still maintaining a reasonable size and weight.

Two Super-Low Dispersion glass elements and two aspheric lenses allow the proprietary optical design to achieve excellent contrast and sharpness as well as controlling chromatic aberration.

Tokina's exclusive One-touch Focus Clutch Mechanism allows the photographer to switch between AF and MF simply by snapping the focus ring forward for AF and back toward the lens mount for manual focusing. The lens is also designed to stand up to the rigors of daily use by photographers in a wide variety of shooting conditions and environments.

The New Tokina AT-X 116 PRO DX II uses a newly developed silent DC motor that allows the lens to focus faster and more quietly then previous generations. The DC motor coupled with a new GMR magnetic AF sensor works together to increase AF speed.



- 13 Elements in 11 Groups
- Minimum Focus Distance: 0.3m
- Angle of view: 104°~82°
- Filter size: ø77mm

◆ The lens is designed for Digital cameras with APS-C sized CMOS and CCD sensors, not designed for cameras with Full Frame sensors.

◆ Be sure to note that the Tokina AT-X 116 PRO DX II lens itself is not waterproof or water resistant.

Lens Hood BH-77B
The large BH-77B wide-angle hood with "click-lock" to stay in place.

Photograph by: *Ryosuke Takahashi*
Lens: REFLEX 300MM F6.3 MF MACRO

for Micro 4/3rds

Compact Telephoto Mirror Lens

Reflex 300mm f/6.3 *REFLEX 300mm F6.3 MF MACRO*

TO FIT Micro 4/3rds Model Only

The New Tokina Reflex 300mm f/6.3 compact telephoto mirror lens is designed specifically for mirrorless compact cameras using the micro 4/3rds mount.

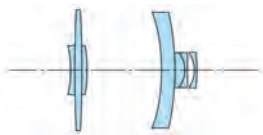
The 300mm focal length of the lens gives effective 600mm (in 35mm terms) when placed on a mirrorless camera body making it a super-telephoto lens. This allows distant subject to be brought in much closer. But despite this powerful focal length the lens is incredibly compact to match the size of the compact cameras it was intended to be used with.

The lens has a fixed f/6.3 aperture.

The Tokina Reflex 300mm has all metal lens barrels and very high quality glass optics to yield the best optical performance from a new of this design.

This lens has a wide grip area on the manual focusing ring and smooth movement to assist in focusing. This is a manual focus system only.

Photograph by: *Ryosuke Takahashi*



- 7 Elements in 3 Groups
- Minimum Focus Distance: 0.8m
- Angle of view: 4.8°
- Filter size: ø55mm

MICRO FOUR THIRDS

Lens Hood BH-552
The large BH-552 macro hood with "click-lock" to stay in place.

Tokina
AT-X
PRO
SD 16-28 F2.8 (IF) FX
28 24 20 16

AT-X PRO Series

Full Frame Wide Zoom

for APS & 35mm Full Format Digital SLR

AF16-28mm f/2.8 *AT-X 16-28 PRO FX*

TO FIT CANON • NIKON-D

This new Tokina lens is the first in a new generation of full frame (FX) lenses designed for professional digital SLR cameras like the Canon EOS 5D Mark II and the Nikon D700 and D3x. The 16-28 zoom range gives the professional photographer a super-wide angle of view to get close to subject for dramatic effect or to take in entire scenes.

NEW Silent DC Motor with GMR senor

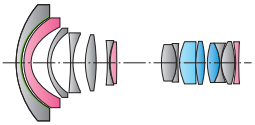
The 16-28 f/2.8 uses a newly developed silent DC motor that allows the lens to focus faster and more quietly then previous generations. The DC motor coupled with a new GMR magnetic AF sensor works together to increase AF speed.

Aspherical and Super-low Dispersion glass elements

A new, 56mm in diameter, large sizes aspherical glass element is incorporated into the front lens group, while there are 2 more aspherical elements in the rear group. 3 SD super-low dispersion glass elements are also incorporated through-out the optical design to reduce chromatic aberration, give maximum resolution, more even brightness and distortion correction.

One-Touch Focus Clutch

Tokina's exclusive One-touch Focus Clutch Mechanism allows the photographer to switch between AF and MF simply by snapping the focus ring forward for AF and back toward the camera to focus manually. There is no need to change the AF/MF switch on Nikon camera bodies and there is no second AF/MF switch on the lens for Canon, everything is accomplished by the focus ring.



- 15 Elements in 13 Groups
- Minimum Focus Distance: 0.28m
- Angle of view: 107.11°-76.87°
- Reproduction Ratio: 1:5.26
- Focusing Mode: Internal Focusing
- Zoom Mode : Rotary Zoom
- Aperture Blades: 9

Photograph by: *Ryosuke Takahashi*
Lens: AT-X 17-35 PRO FX

AT-X PRO Series

Spectacular FX Wide Zoom

for APS & 35mm Full Format Digital SLR

AF17-35mm f/4 *AT-X 17-35 PRO FX*

TO FIT CANON • NIKON-D

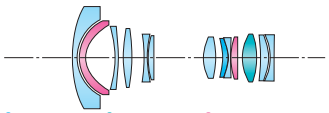
Designed for Full-Frame cameras, the Tokina AT-X 17-35 PRO FX gives photographers a new wide-angle option. With a focal length of 17MM at the wide-side the lens yields a spectacular 103.9 degree field of view which is great for shooting in tight situations or for taking in wide expanses of space.

This compact wide-angle zoom has a bright constant F/4 aperture making viewing and auto focus possible in lower light situations but still maintaining a reasonable size and weight.

Two Super-Low Dispersion glass elements and one aspheric lenses allow the proprietary optical design to achieve excellent contrast and sharpness.

Tokina's exclusive One-touch Focus Clutch Mechanism allows the photographer to switch between AF and MF simply by snapping the focus ring forward for AF and back toward the lens mount for manual focusing. Additionally the mechanics have been designed for better seals around moving parts making the lens more water-resistant* than lenses of the past. The lens is also designed to stand up to the rigors of daily use by photographers in a wide variety of shooting conditions and environments.

* The AT-X 17-35 is only water-resistant, not water-proof and is not designed to be submerged or used unprotected in heavy rain.



● SD Lens (FK01) ● SD Lens (FK03) ● P-MO Aspherical Lens

- 13 Elements in 12 Groups
- Minimum Focus Distance: 0.28m
- Angle of view: 103.96°-64.74°
- Reproduction Ratio: 1:4.82
- Focusing Mode: Internal Focusing
- Zoom Mode : Rotary Zoom
- Aperture Blades: 9
- Filter size: ø82mm

Lens Hood BH-821

The large BH-821 wide-angle hood with "click-lock" to stay in place.

FISHEYE 10-17 F3.5-4.5 DX
Tokina
AT-X
15 14 13 12 10

AT-X Series

Round Your World

for APS-C Format Digital SLR

AF10-17mm f/3.5-4.5 *AT-X 107 DX Fisheye*

TO FIT CANON • NIKON-D APS-C Sized Sensor Model Only

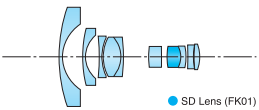
Capture it all or create images with more impact. The Tokina AT-X 107 DX is Fisheye zoom lens that gives the photographer a 180º field of view with dramatic curvature of field or “fisheye” effect. That's wider than the human eye can see!

The AT-X 107 DX creates an entirely new view on everything from street scenes to nature's beautiful vistas. This lens will open a new dimension to your photography.

The front element of the AT-X 107 DX has a newly formulated WR or “Water Repellent” optical coating on the glass*. This new coating makes marks such as spots left by water or finger-prints much easier to clean than standard multi-coating.

The rear optical group of the lens contains 1 SD (Super-Low Dispersion) glass element to reduce the number of elements (pieces of glass) in the optical design in order to make the lens more compact, light-weight and faster focusing.

Photograph by: *Yasumi Suga*



- 10 Elements in 8 Groups
- Minimum Focus Distance: 0.14m
- Angle of view:180˚ ~ 100˚
- Lens Hood: Built-in (APS-C Sized Sensor Model Only)

* Be sure to note that the Tokina AT-X 107 DX lens itself is not waterproof or water resistant.

◆ Will not AF when used on Nikon D5100, D3200 and other silent wave bodies.

Photograph by: *Michael Burnham*
Lens: AT-X 107 DX NH Fisheye

AT-X Series
Round Your World

for APS & 35mm Full Format Digital SLR

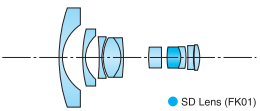
AF10-17mm f/3.5-4.5 *AT-X 107 DX NH* *Fisheye*

TO FIT CANON • NIKON-D

The Tokina AT-X 107 NH is a fish-eye lens that gives the digital photographer an approximate 180° field of view with dramatic curvature of field or “fish-eye” effect. The AT-X 107 NH only differs from the AT-X 107 DX in that the built-in hood as been removed allowing for a wider image area and more coverage on full-frame sensor (FX) cameras.*

The front element of the AT-X 107 DX has a newly formulated WR or “Water Repellent" optical coating on the glass**. This new coating makes marks such as spots left by water or finger-prints much easier to clean than standard multi-coating. With the built-in hood removed the lens also fits in a wider variety of underwater housings.

The rear optical group of the lens contains 1 SD (Super-Low Dispersion) glass element to reduce the number of elements (pieces of glass) in the optical design in order to make the lens more compact, light-weight and faster focusing.



- 10 Elements in 8 Groups
- Minimum Focus Distance: 0.14m
- Angle of view:180˚ ~ 100˚
- Lens Hood: Built-in (APS-C Sized Sensor Model Only)

* Full corner to corner image can be achieved on an FX camera between approx. 14.5-17MM depending on the camera model, at 10-14MM there is a semi-circular view.

** Be sure to note that the Tokina AT-X 107 DX lens itself is not waterproof or water resistant.

◆ Will not AF when used on Nikon D5100, D3200 and other silent wave bodies.

A-F
M-F
Tokina
AT-X
PRO
SD 11-16 F2.8 (IF) DX
16 15 14 13 12 11

AT-X PRO Series

Ultra-Wide, Ultra-Speed

for APS-C Format Digital SLR

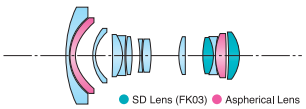
AF11-16mm f/2.8 *AT-X 116 PRO DX*

TO FIT CANON • NIKON-D • SONY APS-C Sized Sensor Model Only

The Tokina AT-X 116 PRO DX is an ultra-wide angle lens with a fast f/2.8 aperture for better photography in low-light situations. Many photojournalists consider having an f/2.8 aperture a must for any lens in their camera bag.

Based on the award-winning optical design of the AT-X 124 PRO DX (12-24mm f/4) lens, the AT-X 116 PRO DX has a slightly shorter zoom range to maintain optical quality at wide apertures.

Tokina's exclusive One-touch Focus Clutch Mechanism allows the photographer to switch between AF and MF simply by snapping the focus ring forward for AF and back toward the camera to focus manually. There is no need to change the AF-MF switch on Nikon cameras* and there is no second AF/MF switch on the lens for Canon, everything is accomplished by the focus ring.



- 13 Elements in 11 Groups
- Minimum Focus Distance: 0.3m
- Angle of view: 104°~82°
- Filter size: ø77mm

◆ The lens is designed for Digital cameras with APS-C sized CMOS and CCD sensors, not designed for cameras with Full Frame sensors.

◆ Be sure to note that the Tokina AT-X 116 PRO DX lens itself is not waterproof or water resistant.

* Will not AF when used on Nikon D5100, D3200 and other silent wave bodies.

Lens Hood BH-77B

The large BH-77B wide-angle hood with "click-lock" to stay in place.

Tokina
AT-X PRO
SD 12-24 F4 (IF) DX II
24 20 18 15 12

AT-X PRO Series

Super Wide-Angle Zoom

for APS-C Format Digital SLR

AF12-24mm f/4 *AT-X 124 PRO DX II*

TO FIT CANON • NIKON-D APS-C Sized Sensor Model Only

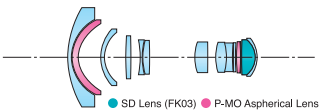
The AT-X 124 PRO DX II 12-24mm f/4 AF lens gives the Digital photographer an ultra wide-angle zoom lens that has the equivalent angle of view to an 18-36mm in full frame (FX) format.

The Nikon mount of the AT-X 124 PRO DX II has a new built-in AF motor drive, which the original 12-24 does not have. The AF operates smoothly and quietly due to a DC motor that uses a newly designed AF control gear assembly. This lens can auto focus with the Nikon D60 and D40 and other silent wave bodies.

The optical system of original AT-X 124 PRO DX won awards for its sharpness world-wide. This design was maintained in the AT-X 124 PRO DX II but with new improved optical multi-coating. The new multi-coating helps reduce reflections that can cause flare and ghosting even more than in the AT-X 124 PRO DX.

The Canon version of the lens already has a built-in AF motor and will benefit from the improved multi-coating.

Photograph by: *Michael Burnham*



● SD Lens (FK03) ● P-MO Aspherical Lens

- 13 Elements in 11 Groups
- Minimum Focus Distance: 0.3m
- Angle of view: 99° ~ 61°
- Filter size: ø77mm

◆ The lens is designed for Digital cameras with APS-C sized CMOS and CCD sensors, not designed for cameras with Full Frame sensors.

As Aspherical

SD Super Low Dispersion

One Touch FC Focus Clutch

IF Internal Focus

Lens Hood BH-777
The large BH-777 wide-angle hood with "click-lock" to stay in place.

Tokina
AT-X
PRO
MACRO 100 F2.8 D

AT-X PRO Series

100mm F2.8 Macro

for APS & 35mm Full Format Digital SLR

AF100mm f/2.8 *AT-X M100 AF PRO D*

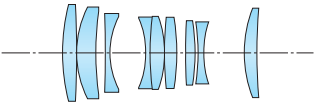
TO FIT CANON • NIKON-D

A new Macro lens to bridge the gap between film and digital, the Tokina AT-X M100 PRO D has full coverage on 35mm while also possessing the latest optical multi-coating technology engineered to match the silicon based CCD or CMOS sensors.

The AT-X M100 PRO D macro closest focusing distance is an incredible 0.3m(11.8 inches) that yields an incredible 1:1 reproduction ratio. Imagine filling the picture frame with a single quarter, key or insect! This lens opens up a new world of photography while maintaining the highest possible image quality.

Other features include Tokina's One-Touch Focus Clutch Mechanism, Focus Limiter Switch, and convenient bayonet mounted lens hood.

Photograph by: *Michael Burnham*



One Touch FC Focus Clutch

- 9 Elements in 8 Groups
- Minimum Focus Distance: 0.3m
- Angle of view: 24.30°
- Filter size: ø55mm

◆ Will not AF when used on Nikon D5100, D3200 and other silent wave bodies.

Lens Hood BH-551

The large BH-551 Macro hood with "click-lock" to stay in place.

One-Touch Focus Clutch Mechanism

The newly improved one-touch focus clutch allows the focus to be moved quickly and easily from the AF position back into the MF position. In Nikon and Canon mounts, the lens can be set for manual focusing without an AF/MF switch or setting the body to the AF position.

Auto Focus

Manual Focus

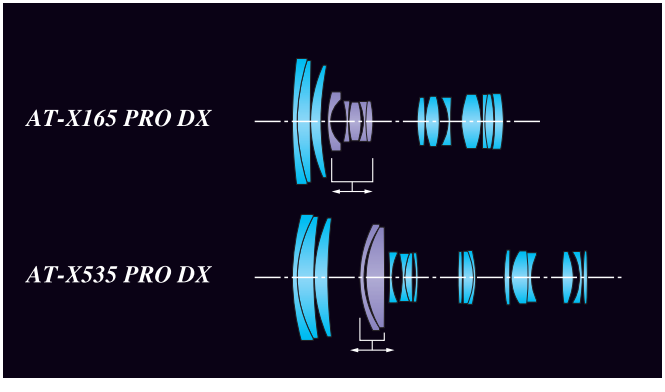
Internal Focus System

The two main methods of lens focusing are either the complete straight forward movement of elements (used mainly with single focal length lenses), or the rotation of the entire front lens barrel group (used mainly with zoom lenses).

The internal focusing system used by Tokina moves each lens group, but does not change the overall length of the lens - this is especially useful with telephoto designs.

The internal focusing system has a number of advantages, including:

1. Faster focusing
2. Improved handling due to fewer movements near the center of gravity
3. More compact lens designs
4. Superior use of filters as the front filter thread does not rotate

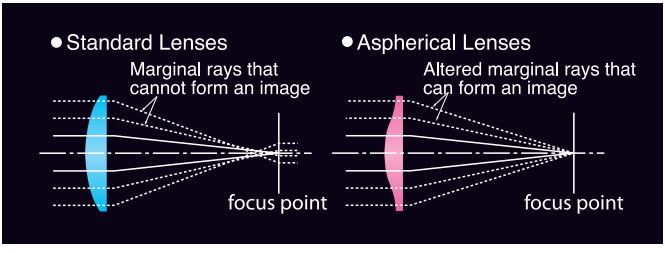


Aspherical Optics

Standard lenses are made from a combination of spherical lens elements. However, there can be problems with such lenses when light entering at the edges of the lens may not be perfectly focused at the same point as light entering at the center. That presents limits to performance in wide aperture and super wide-angle lenses.

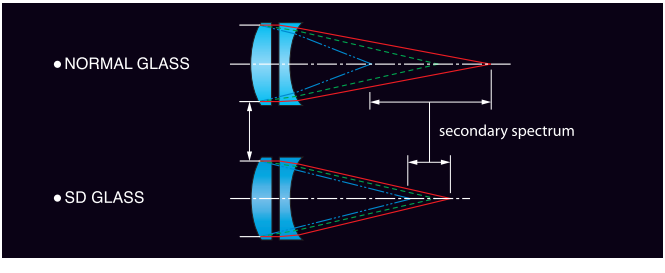
Tokina uses aspherical glass elements in many of its lenses. In addition to correcting spherical aberration, these lenses fully correct light quantity and distortion at the edge of the image and provide excellent results when used in combination with floating elements.

Through technical cooperation with Hoya, Tokina has succeeded in producing high quality molded glass elements with a greater aspherical shape than any other lens so far. This technique is unparalleled in its technological sophistication and excellence.


● Standard Lenses
Marginal rays that cannot form an image
focus point
● Aspherical Lenses
Altered marginal rays that can form an image
focus point

SD (Super Low Dispersion) Glass

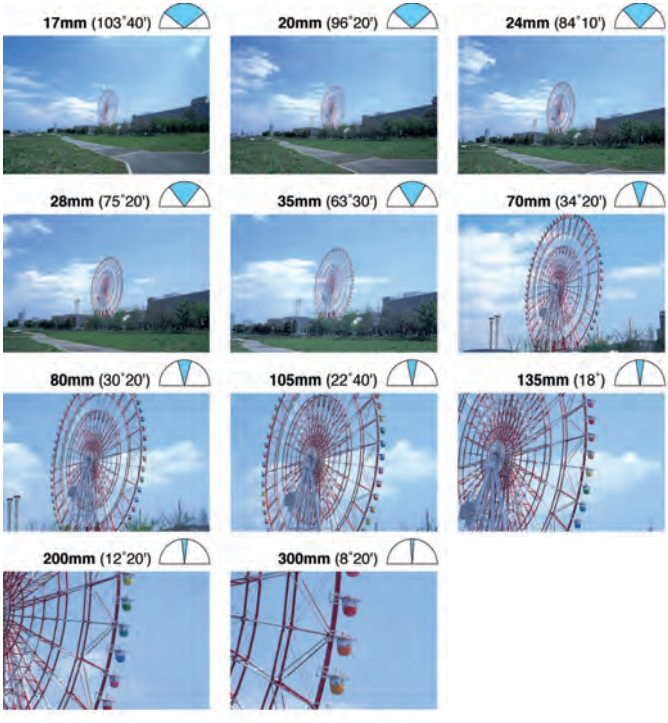
Lenses with the SD mark use Super-low Dispersion glass which minimizes the secondary spectrum caused by chromatic aberration. Basically, these lenses use FK01 and FK02 optical materials which gives them SD (APO) qualities. This provides excellent image quality in telephoto lenses of 200mm or more by correcting color aberration across the entire picture and bringing all colors into focus accurately at the film plane.



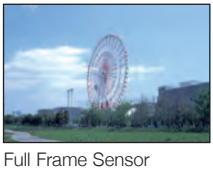
TOKINA'S LENS TECHNOLOGY

Angle of View

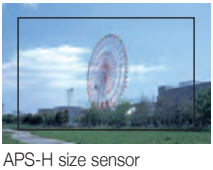
The range across the film surface onto which the subject is exposed is expressed as an angle, called the angle of view. Wide-angle lenses with their short focal lengths have a wide angle of view, which means the exposure range is wide. Conversely, telephoto lenses, which have long focal lengths, have a narrow angle of view, making the exposure range narrow. So a wide-angle lens is used to take a wide area of a subject nearby whereas a telephoto lens is used to take only part of a subject located further away. A single zoom lens, meanwhile, can function as a number of lenses with different focal lengths, enabling you to smoothly alter the angle of view and quickly frame the shot. You can select your lens to create the effect of distance or depth of field, or to suit the location and surrounding conditions.



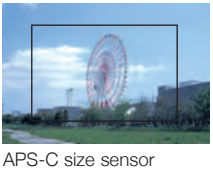
Some Examples of Effective Focal Length in Relation to Sensor Size



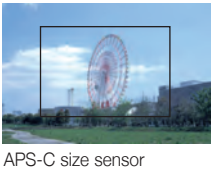
Full Frame Sensor
Canon EOS 1DX, 5D Mark III
1Ds Mark III, 5D, 5D Mark II
Nikon D4, D800 (FX format)



APS-H size sensor
(1.3x= Full Frame Sensor)
EOS 1D Mark II,
1D Mark IIn,1D Mark III



APS-C size sensor
(1.5x= Full Frame Sensor)
Nikon D40, D60, D90, D300
D3000, D5000, D7000
SONY α57, α65, α77



APS-C size sensor
(1.6x= Full Frame Sensor)
Canon EOS 40D, 50D, 60D, 7D
Rebel T4i, T3i, T2i, T3,
650D, 600D, 550D, 1100D

Micro Four Thirds size sensor
(2x= Full Frame Sensor)
Olympus PEN E-P3, E-PL3
E-PM1, OM-D, E-M5
Panasonic Lumix GH2, GX1

Depth of Field

When you focus on a subject, there is part of the subject that is in focus and parts in front and behind which are not in focus. This range in which the object is seen to be sharply in focus is called the depth of field. If the focal length is kept the same, the depth of field gets deeper (the range in which the subject is sharp gets wider) as the aperture is stopped down, and it gets shallower (the range in which the subject is sharp gets narrower) as the aperture is opened. Even when the aperture stop is the same, the depth of field gets shallower as the subject distance gets shorter, and deeper as the subject gets further away. Furthermore the depth of field is deeper with a short focal length wide angle lens, and shallower with a long focal length telephoto lens.

80mm F2.8

80mm F22

Perspective

Perspective is the visual effect of moving a subject which is in the foreground closer to or further from the background. If you take photographs with lenses of different focal length while keeping the size of the subject in the foreground constant, the background appears to be further away and the sense of perspective is exaggerated with a short focal length wide angle lens. With a long focal length telephoto lens, the background appears to be closer to the subject and the sense of perspective is lessened. You can greatly change the feeling of presence even with the same subject by using this sense of perspective.

20mm

40mm

100mm

200mm

TECHNICAL SPECIFICATIONS

LENS	Mount	Optical Construction Elements / Groups	Diagonal Angle of View
AT-X 116 PRO DX II 11~16mm f/2.8	C, N/D	13/11	104° ~ 82°
REFLEX 300mm F6.3 MF MACRO	Micro 4/3rds	7/3	4.8°
AT-X 107 AF DX 10~17mm f/3.5~4.5	C, N/D	10/8	180° ~ 100°
AT-X 107 AF DX NH 10~17mm f/3.5~4.5	C, N/D	10/8	180° ~ 100°
AT-X 16-28 PRO FX 16~28mm f/2.8	C, N/D	15/13	107.11° ~ 76.87°
AT-X 17-35 PRO FX 17~35mm f/4	C, N/D	13/12	103.96° ~ 64.74°
AT-X 116 PRO DX 11~16mm f/2.8	C, N/D, S	13/11	104° ~ 82°
AT-X 124 PRO DX II 12~24mm f/4	C, N/D	13/11	99°~61°
AT-X M100 AF PRO D 100mm f/2.8	C, N/D	9/8	24.30°

■ The external appearance and specifications shown in this catalog may be changed without any advance notice.

Closest Focus Distance from Film Plane (in Macro Mode)	Magnification Ratio in Macro Mode	Aperture Range	Filter Size (mm)	Dimensions (mm) Diameter	Dimensions (mm) Length	Weight (gram)	Lens Hood
0.3m(11.8 in.)	1:11.6	f/2.8~f/22	77	84	89.2	550	BH-77B
0.8m(31.5 in.)	1:2	f/6.3	55	66	66	298	BH-552
0.14m(5.5 in.)	1:2.56	f/3.5~f/22	N/A	70	71.1	350	Built-in
0.14m(5.5 in.)	1:2.56	f/3.5~f/22	N/A	69.9	70.9	350	N/A
0.28m(11 in.)	1:5.26	f/2.8~f/22	N/A	90	133.3	950	Built-in
0.28m(11 in.)	1:4.82	f/4~f/22	82	89	94.5	600	BH-821
0.3m(11.8 in.)	1:11.6	f/2.8~f/22	77	84	89.2	560	BH-77B
0.3m(11.8 in.)	1:8	f/4~f/22	77	84	89.5	540	BH-777
0.3m(11.8 in.)	1:1	f/2.8~f/32	55	73	95.1	540	BH-551

■ Auto Focus Lenses C: CANON AF N/D: NIKON AF-D S: SONY
■ 1g = 0.03527 oz ■ 10mm = 0.39370 inch ■ 1m = 3.28084 feet

Photograph by: *Ryosuke Takahashi*
Lens: AT-X 17-35 PRO FX

Tokina

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